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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,953	01/12/2002	Joe W. Cacka	5882.02	2740

20686 7590 03/07/2003

DORSEY & WHITNEY, LLP  
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DENVER, CO 80202-5647

EXAMINER

TILL, TERRENCE R

ART UNIT	PAPER NUMBER
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1744

DATE MAILED: 03/07/2003

13

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/045,953

Applicant(s)

CACKA ET AL.

Examiner

Terrence R. Till

Art Unit

1744

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 23 January 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-19, 21 and 23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-15 and 23 is/are allowed.
- 6) ☒ Claim(s) 16-19 and 21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 16-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Hahn et al.

3. The patent to Hahn discloses a handle 1, a brush head 2 including bristles 21, connected with the handle, a vibratory means 4,5 causing the bristles to vibrate and a vibration isolation means 8, consisting of a vibration dampening material, reducing the vibrations from the vibratory means to the handle. The brush head further including a brush shaft 3,31 and the vibratory means comprising an eccentric motor 4,5. The eccentric motor being positioned entirely in the brush shaft. The vibration isolation means being positioned between the brush shaft and the handle.

4. Claim 21 is rejected under 35 U.S.C. 102(b) as being anticipated by Japanese patent to Iguchi (cited in IDS).

5. The patent to Iguchi discloses (figures 7-11) a handle 66, a brush head 51 including bristles 3, connected with the handle, a vibratory means 31-33 causing the bristles to vibrate and a vibration isolation means 65, consisting of a vibration dampening material, reducing the vibrations from the vibratory means to the handle. The vibration isolation means being positioned between the vibratory means and the handle. As can be seen in figure 8, the vibratory means are positioned in the brush head and are considered to be oriented parallel to a

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longitudinal axis of the brush. As a matter of fact the vibratory motor 31-33 is located on the longitudinal axis of the brush.

***Allowable Subject Matter***

6. Claims 1-15 and 23 are allowed.

***Response to Arguments***

7. Applicant's arguments filed 1/23/2003 have been fully considered but they are not persuasive.

8. With respect to claim 16, the patent to Hahn et al. is still considered to disclose all the recited features. Hahn et al. is considered to have the eccentric motor positioned entirely within the brush shaft. Applicant does not recognize that part of the brush shaft, as identified by the examiner, is located within the handle. Simply because the handle encloses part of the brush shaft, does not alter the fact that the brush shaft encloses completely the eccentric motor. With respect to claim 21, claim 21 does not mention the vibratory motor having any particular feature that needs to be oriented parallel with the longitudinal axis of the brush, such as a motor shaft or longitudinal axis of the motor. Rather the vibratory motor as a whole needs to be oriented parallel to the longitudinal axis of the brush. Further, with respect to claim 21 reciting a toothbrush, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. In a claim drawn to a process of making, the intended use must result in a manipulative difference as compared to the prior art. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

*Conclusion*

9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Terrence R. Till whose telephone number is (703) 308-1592. The examiner can normally be reached on Mon. through Thurs. and every other Friday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert J. Warden can be reached on (703) 308-2920. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

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Terrence R. Till  
Primary Examiner  
Art Unit 1744

trt  
March 4, 2003